

Two-Way Radio

GP3188 Conventional Portable



## KEY ATTRIBUTES AND FEATURES

### Crystal Clear Audio

Exceptional audio design for that added communications edge.

### Extended Talktime

19hr-talktime on low power and 14hr-talktime on high power for greater productivity.

### Battery Latch Lock Feature

Keeps the power source firmly fastened to the radio and allows continuous communication.

### Durable and Reliable

Compliant with demanding MIL-STD 810 standards, thus apt for harsh working environments.

### Compatible Accessories

Compatible with existing original Motorola and MagOne accessories, thus protecting your investment.

### Quick and Easy Programming

Faster programming with the user-friendly Microsoft Windows® based Customer Programming Software.

## UNIQUE FEATURES

All features of the GP3188 are available through a single Toggle button. Remarkably clear and reliably rugged, the GP3188's ergonomic design also adds a touch of style.

### Voice Operated Transmission (VOX)

Provides total handsfree for maximal productivity.

### Battery Indicator

LED provides status of battery life at a glance.

### Sticky Permanent monitor

Allows user to stay on monitor mode without consistently pressing the programmable button.

## IDEAL FOR:

### SECURITY

Call for backup with just a simple, one-button operation of the GP3188. Faster response to emergency situations and intruders means a job well done.

### HOSPITALITY

Get compliments, not complaints with prompt, proactive levels of service, thanks to the handy GP3188. Slim, easy to carry around and hands free operation enables staff to meet guest's demands quickly.

### MANUFACTURING

Coordination with many people, even across different plants, can be done easily and quickly with the GP3188. Its extended talktime will easily last beyond 12-hour shift

### CONSTRUCTION

A harsh environment requires a hardy radio. The GP3188 meets stringent Military Standards 810 C, D, E and F for durability; and loud 500mW speaker ensures clear audio even in high noise environments.

## TECHNICAL SPECIFICATION

GP3188 Specifications *				
General	VHF		UHF	
Frequency	136-162MHz,146-174MHz		403-440MHz, 438-470MHz, 465-495MHz	
Channel capacity	16 channels			
Power supply	7.5V±20%			
Dimensions (without belt clip and antenna)	126.5mm (H) x 61.5mm (W) x 45mm (D) 126.5mm (H) x 61.5mm (W) x 43mm (D) 126.5mm (H) x 61.5mm (W) x 42mm (D)			
With NiCd/extended Lilon				
With standard NMH				
With slim Lilon				
Weight (without belt clip and antenna)	351g 350g 417g 406g			
With extended Lilon				
With slim Lilon				
With standard NMH				
With NiCd				
Average Battery Life@ 5-5-90 Duty Cycle	Hi Power (5W)	Low Power (1W)	Hi Power (4W)	Low Power (1W)
With extended Lilon	14hrs	19hrs	14hrs	19hrs
With slim Lilon	12hrs	17hrs	12hrs	17hrs
With standard NMH	10hrs	13hrs	10hrs	13hrs
With NiCd	8hrs	10hrs	8hrs	10hrs
Receiver <sup>†</sup>	VHF 12.5 kHz	VHF 20/25kHz	UHF 12.5 kHz	UHF 20/25kHz
Frequency	136-162MHz,146-174MHz		403-440MHz, 438-470MHz, 465-495MHz	
Sensitivity 12dB EIA SINAD	0.25uV		0.25uV	
Adjacent Channel Selectivity	-65dB	-70dB	-60dB	-70dB
Intermodulation	-70dB		-70dB	
Frequency Stability (-30°C to +60°C)	0.00025%		0.00025%	
Spur Rejection	-75dB		-75dB	
Hum and Noise	-45dB@12.5kHz -50dB@25kHz			
Image and 1/2 I-F Rejection	-70dB		-70dB	
Audio Ouput @ < 5% Distortion	500mW		500mW	
Transmitter	VHF	VHF	UHF	UHF
Frequency	136-162MHz,146-174MHz		403-440MHz, 438-470MHz, 465-495MHz	
Channel Spacing	12.5/20/25kHz		12.5/20/25kHz	
Frequency Stability (-30°C to +60°C)	0.00025%		0.00025%	
Spurs/Harmonics	-36 dBm < 1GHz -30 dBm > 1GHz		-36 dBm < 1GHz -30 dBm > 1GHz	
Audio Response (from 6dB/oct. Premphasis, 300 to 3000Hz)	+1, -3dB		+1, -3dB	
Audi Distortion @1000Hz, 60% Rated Max. Dev.	<3%		<3%	
FM Noise	-40dB(12.5Khz) -45dB(25Khz)		-40dB(12.5Khz) -45dB(25Khz)	
FCC Modulation 20/25 kHz	16K0F3E & 11K0F3E		16K0F3E & 11K0F3E	
* Availability subject to country's laws and regulations. Radios meet applicable regulatory requirements. All specifications subject to change without notice. Specifications are not representative of all radios and may vary in different radios. + All RF readings are typical.				

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## ACCESSORIES FOR GP3188



NNTN4970A -  
Slim Lilon  
Battery



HMN9021A -  
Medium Weight  
Dual-Muff  
Headset with  
Swivel Mic



RLN5238A -  
Sports-Style  
Headset with in-  
line PTT



BDN6646C -  
Ear Microphone  
with PTT  
Interface Module



PMLN4606A -  
2Wire  
Surveillance Kit  
with Clear  
Acoustic Tube

## ENHANCE YOUR RADIO'S CAPABILITIES

A comprehensive range of accessories is available to suit your needs. With the right combinations of batteries, headsets, carry cases and antenna, it can increase your operational productivity and comfort tremendously. Motorola original accessories are built with the highest quality standards and are specially engineered to ensure maximum performance of your radio.

## Programmable Features

- High/Low Power
- System Scan
- Monitor
- Tight/Normal Squelch
- Repeater/Talkaround

## ACCESSORIES #

**BATTERIES**  
**Standard NiMH Battery, 1400mAh**  
 NNTN4851A

**Slim Lilon Battery, 1600mAh**  
 NNTN4970A

**Extended Lilon Battery, 1800mAh**  
 NNTN4497AR

**NiCd Battery, 1100mAh**  
 NNTN4496AR

**SINGLE & MULTI UNIT CHARGERS**  
**Desktop Rapid Charger w/US NA Plug**  
 WPLN4138\_R

**Desktop Rapid Charger w/Euro Plug**  
 WPLN4139\_R

**Desktop Rapid Charger w/UK Plug**  
 WPLN4140\_R

**Rapid Charger MUC 120V w/US Plug**  
 WPLN4161AR

**Rapid Charger MUC 220V w/Euro Plug**  
 WPLN4162AR

**Rapid Charger MUC 220V w/UK Plug**  
 WPLN4163AR

# Motorola carries a wide range of audio and carrying solution. Please refer to specified accessories brochures for more information.



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Stringent Motorola  
 Accelerated Life Testing  
 simulating five years of hard  
 use in real life. EIA RS-3168  
 in Shock, Vibration, Dust,  
 Humidity, IP54 for Sealing



Compliance with ISO 9001  
 Standard on international quality  
 system assurance on design,  
 development, production,  
 installation and servicing of a  
 product.



Stamp of Approval from  
 the U.S. Military for use  
 in rough environment.

